



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION EXAMINING OPERATIONS

Applicant: Gleason, et al.

Group Art Unit:

Serial No.: 10/772,172

Examiner:

Filed: February 3, 2004

Title: MEMBRANE PROBING SYSTEM

INFORMATION DISCLOSURE STATEMENT  
IN ACCORDANCE WITH 37 CFR §1.98

1600 ODS Tower  
601 S W Second Avenue  
Portland, Oregon 97204-3157

May 6, 2004

MAIL STOP PATENT APPLICATIONS (IDS)

Commissioner for Patents  
Post Office Box 1450  
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Dear Sir:

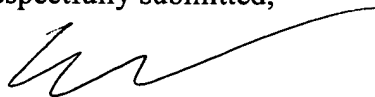
Applicants submit herewith copies of publications which they are aware of and which they desire to have considered by the Patent Office in accordance with 37 CFR §1.97. In accordance with 37 CFR §1.97(b)(3), this Information Disclosure Statement is being submitted before the mailing date of a first Office Action on the merits of the above-identified application.

In accordance with 37 CFR §1.97(h), the filing of this Information Disclosure Statement will not be regarded as an admission that any patent or publication or combination of patents referred to herein is, or is considered to be, material to patentability under 37 CFR §1.56(b) unless specifically designated as such.

A list of the publications are enclosed herewith set forth on the attached pages of Form PTO-1449 (Modified).

The person making this statement is the attorney who signs below on the basis of the information supplied by the inventor and the information in his file.

Respectfully submitted,



Kevin L. Russell  
Attorney for Applicant  
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#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP PATENT APPLICATIONS (IDS), Commissioner for Patents, Post Office Box 1450, Arlington, VA 22313-1450.

Dated: May 6, 2004



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Kevin L. Russell



FORM PTO-1449 (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. KLR 1016.2026	SERIAL NO. 10/772,172
	APPLICANT Gleason, et al.	
	FILING DATE February 3, 2004	GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,401,126	Sept. 10, 1968	Miller, et. al.			
		3,429,040	Feb. 25, 1969	Miller			
		3,541,222	Nov. 17, 1970	Parks, et. al.			
		3,596,228	Jul. 27, 1971	Reed Jr., et al.			
		3,634,807	Jan. 11, 1972	Grobe, et. al.			
		3,654,585	April 4, 1972	Wichersham			
		3,680,037	July 25, 1972	Nellis, et. al.			
		3,806,801	April 23, 1974	Bove			
		3,862,790	Jan. 28, 1975	Davies, et. al.			
		3,971,610	July 27, 1976	Buchoff, et. al.			
		4,027,935	June 7, 1977	Byrnes, et. al.			
		4,038,599	July 26, 1977	Bove, et. al.			
		4,184,729	July 22, 1980	Parks, et. al.			
		4,581,679	April 8, 1986	Smolley			
		4,636,722	Jan. 13, 1987	Ardezzone			
		4,636,772	Jan. 13, 1987	Yasunaga			
		4,649,339	Mar. 10, 1987	Grangroth et al.			
		4,663,840	May 12, 1987	Ubbens, et. al.			
		4,707,657	Nov. 17, 1987	Bøegh-Petersen			
		4,793,814	Dec. 27, 1988	Zifcak, et. al.			
		4,837,507	June 6, 1989	Hechtman			
		4,906,920	Mar. 6, 1990	Huff et al.			
		4,918,383	Apr. 17, 1990	Huff et al.			
		4,922,192	May 1, 1990	Gross et al.			
		4,975,638	Dec. 4, 1990	Evans et al.			
		4,980,637	Dec. 25, 1990	Huff et al.			



	4,987,100	Jan. 22, 1991	McBride et al.			
	4,991,290	Dec. 12, 1991	MacKay			
	5,020,219	June 4, 1991	Leedy			
	5,059,898	Oct. 22, 1991	Barsotti et al.			
	5,061,192	Oct. 29, 1991	Chapin, et. al.			
	5,069,628	Dec. 3, 1991	Crumly			
	5,097,101	Mar. 17, 1992	Trobough			
	5,126,286	June 30, 1992	Chance			
	5,133,119	July 28, 1992	Afshari, et. al.			
	5,134,365	Jul. 28, 1992	Okubo et al.			
	5,172,050	Dec. 15, 1992	Swapp			
	5,177,438	Jan. 5, 1994	Littlebury, et. al.			
	5,180,977	Jan. 19, 1993	Huff			
	5,207,585	May 4, 1993	Byrnes, et. al.			
	5,225,037	Jul. 6, 1993	Elder et al.			
	5,293,175	Mar. 8, 1994	Hemmie, et. al.			
	5,355,079	Oct. 11, 1994	Evans et al.			
	5,389,885	Feb. 14, 1995	Swart			
	5,395,253	Mar. 7, 1995	Crumly			
	5,412,866	May 9, 1995	Woith et al.			
	5,453,404	Sept. 26, 1995	Leedy			
	5,506,515	April , 1996	Godshalk, et. al.			
	5,517,126	May 14, 1996	Yamaguchi			
	5,521,518	May 28, 1996	Higgins			
	5,537,372	July 16, 1996	Albrecht, et. al.			
	5,584,120	Dec. 17, 1996	Roberts			
	5,589,781	Dec. 31, 1996	Higgins, et. al.			
	5,623,213	Arp. 22, 1997	Liu et al.			
	5,623,214	Apr. 22, 1997	Pasiecznik, Jr.,			
	5,720,098	Feb. 24, 1998	Kister			
	5,723,347	Mar. 3, 1998	Hirano, et. al.			
	5,742,174	April 21, 1998	Kister, et. al.			
	5,813,847	Sept. 29, 1998	Eroglu, et. al.			
	5,814,847	Sept. 29, 1998	Shibadeh, et. al.			
	5,869,974	Feb. 9, 1999	Akram, et. al.			
	5,876,082	Mar. 2, 1999	Kempf et al.			
	5,896,038	Apr. 20, 1999	Budnaitis et al.			
	5,914,613	Jun. 22, 1999	Gleason et al.			

		5,973,504	Oct. 26, 1999	Chong			
		5,974,662	Nov. 2, 1999	Eldridge et al.			
		6,059,982	May 9, 2000	Palagonia et al.			
		6,114,864	Sept. 5, 2000	Socjima, et. al.			
		6,174,744 B1	Jan. 16, 2001	Watanabe, et. al.			
		6,256,882	July 10, 2001	Gleason, et. al.			
		Pub. Date 2001/0009061	July 26, 2001	Gleason, et. al.			
		Pub. Date 2001/0030549	Oct. 18, 2001	Gleason, et. al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0,230,348	07-01-87	European				
		0,259,163	03-09-87	European				
		WO 98/07040	02-05-97	International				
		DE 42 23 658 A1	01-21-93	Germany				

**OTHER ART**

		<i>Electronic Engineers' Handbook</i> , McGraw-Hill Book Company, First Edition, 8 pages, © 1975
		Kim, Yong-Dae, et. al., <i>Fabrication of a Silocon-Micro-Probe for Vertical Probe Card Application</i> , In: Japan, J. Appl. Phys., Vol. 37, 1988, S-7070-7073

Information Disclosure Statement --PTO-1449 (Modified)  
Added page 3 of 3



<b>TRANSMITTAL FORM</b> <small>to be used for all correspondence after initial filing)</small>	<b>Application Number</b>	10/772,172
	<b>Filing Date</b>	February 3, 2004
	<b>First Named Inventor</b>	Gleason, et al
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
<b>Total Number of Pages in this Submission</b>	<b>Attorney Docket Number</b>	KLR 1016.2026

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee transmittal <input type="checkbox"/> Fee attached form	<input type="checkbox"/> Assignment Papers (for an application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Amendment <input type="checkbox"/> After Final/ Response <input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Licensing Related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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Remarks: <b>Commissioner is authorized to charge any additional fee, or credit any overpayment, to Deposit Account No. 03-1550. A duplicate copy of this Transmittal Form is enclosed for purposes of use with Deposit Account No. 03-1550 as stated herein.</b>		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT	
<b>Firm or Individual Name</b>	Kevin L. Russell, CHERNOFF, VILHAUER, Mc CLUNG & STENZEL LLP
<b>Signature</b>	
<b>Date</b>	May 6 2004

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<b>Type or print name</b>	Kevin L. Russell, Reg. No. 38,292		
<b>Signature</b>		<b>Date</b>	May 6 2004